NZXT™

TEMPEST

User's manual

Thank you.

Dear valued customers,

Thank you for purchasing our product. We are thankful to all our fans for the continuing support, after just four years since entering the computer chassis market with the Guardian in 2003, NZXT is now an established gaming brand and manufacturer of quality hardware in the market today. Since then, we have stayed true to our goal, which was to continuously provide innovative next generation products. With every product, we are still breaking more boundaries and limits. Once again, thank you and all NZXT fans for the support and we hope to bring more amazing products in the coming years.

After you complete your installation, please come by our community forums at www.nzxt.com/forum and voice your opinions with thousands of NZXT fans from around the world

Sincerely,

NZXT Team

Tempest Specifications

Features

> **Airflow King:** Dual 120mm intake, dual 140mm exhaust with an additional side 120mm fan and rear 120mm fan all included.
> **Maximize Expandability:** E-ATX support allows more compatibility with high end components including large graphic cards.
> **Easier accessibility & cable management:** Cable routing is pre-drilled on the motherboard so users can hide cables behind the motherboard tray, allowing more a cleaning look and better airflow. Power, E-SATA, USB and Reset buttons are mounted at the top to give better accessibility.
> **Bottom mounted PSU:** PSU mounting at the bottom allows for more security and separation of heat from the CPU.
> **Server-like HDD space:** Dual 120mm fans cool cages that hold up to 8 HDDs allowing for large capacity systems while maintaining cool temperatures.

Detailed specifications

Dimension: W211.5 *H521.5 *D562mm
Form factor: E-ATX Support, ATX, M-ATX Support
7 Expansion slots

3 x External 5.25” Bays (up to 6 x 5.25”)
8 x Internal HDD bays
1 x External 3.5”Brackets

Cooling Options:
2 x 120 mm Blue LED Intakes (Included)
2 x 140 mm Black Top Exhausts (Included)
1 x 120mm Rear Exhaust (Included)
1 x 120mm Intake Side (Included)

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NOTE: CPU, RAM and any peripheral installation are not included in this manual. Please refer to your motherboard manual for related mounting instructions and troubleshooting.

Before Beginning..

For safety issues, it is highly recommended that all users wear gloves during installation. Also, if you have any questions during installation, please send an email to service@nzxt.com before proceeding. Thank you.

Getting starting

For users building a new system, it is recommended that the side panels are removed before beginning the installation. The following steps will outline the steps to remove the top, side panels and the motherboard tray.

1. Remove the thumb screws securing the side panels.
2. Pull the side panel back, and then lift the panel to remove it.

Opening the side panel

Motherboard Installation

Please refer to the case interior infrastructure and secure the power supply at the back of the case by using the screws provided.

1. Match the motherboard form factor (ATX, M-ATX, Mini-ATX) with the holes on the motherboard tray
2. Secure the standoffs onto the holes which match your motherboard
3. Lay the motherboard onto the standoffs and then continue to secure the motherboard with the screws provided.

LED, Power and Reset Installation

Please refer first to your motherboard manual to locate where the power switch and reset pins are located. The power and reset buttons are located at the top of the chassis. The colors following each instruction designate the color of the wires.

USB, Audio ports, E-SATA, Reset, and Power buttons

1. Connect the reset switch (labeled RESET SW) by connecting to your motherboard RESET connector. Make sure you always attach the white wire to ground. (Blue/White +/-)

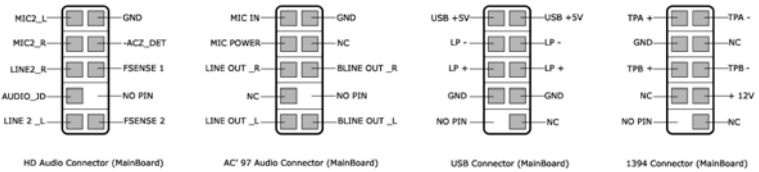
2. Connect the power switch pin (labeled POWER SW) to the PWR connector on the motherboard. (Yellow/White +/-)
3. Connect the HDD LED (labeled H.D.D LED) to the appropriate headers on your motherboard. The HDD LED located on the front panel should flash green when there is activity in the hard drive. (Green/White, +/-)
4. Connect the four pin molex leading from the front panel to activate that two blue LED stripes.

HDD LED location

All White and Black Pin Connectors correspond to ground.

USB Installation

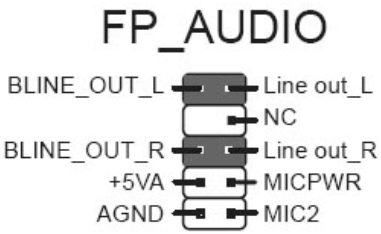
1. The USB is located of the top on your front panel.
2. Refer to your motherboard manual and match the labels on the USB port connectors with your motherboard in order to install.



Audio Port Installation

1. Please first refer to your motherboard manual and match the labels on the audio wires with your motherboard pins.
2. The green input is the speaker input and the pink input is the microphone input.

Case Pins	Signal Description	ASUS© Pins
MIC-IN	Front Microphone input Signal	MIC2
MIC-POWER	Front Microphone Power	MICPWR
GROUND	Front Audio Ground	AGND
L-OUT	Front Left Channel Audio Signal	Line out_L
R-OUT	Front Right Channel Audio Signal	Line out_R
L-RET	Rear Left Channel Audio Signal	BLINE Line out_L
R-RET	Rear Right Channel Audio Signal	BLINE Line out_R

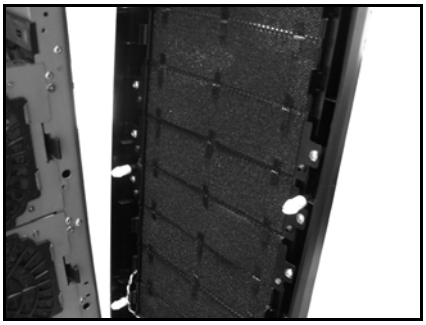


ASUS© **Motherboard Pin Assignment**

External 5.25" Drive Bay Installation [Bays 1-3]

Please follow the directions below to install the 5.25" in the top 3 bays of the Tempest:

1. Remove the front panel of the chassis by pulling from the opening at the bottom of the front panel.



2. Remove the 5.25” black mesh for the 5.25” bay, by pushing the clips aside from inside the panel or unscrewing the screw (3 bays are screwed onto the panel)
3. Reattach the front panel.
4. Slide the 5.25” drive in from the front of the chassis.

Insert the 5.25” Device through the opening

5. Match the holes with the bay and the screw less bracket

Attach the screw less bracket matching the 5.25” holes

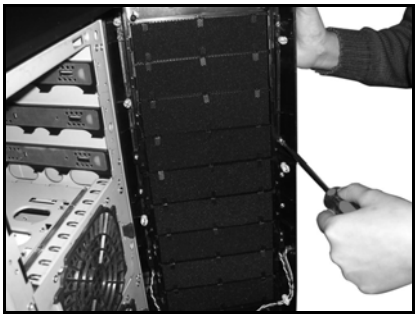
6. Turn the screw less bracket to lock the drive.

Turn and lock the device in place. User may choose to screw the device on also.

External 5.25" Drive Bay Installation [Bays 4-6]

Please follow the directions below to install the 5.25" in bays 4 to 6 of the Tempest:

1. Remove the front panel of the chassis by pulling at the bottom of the front panel.
2. Remove the screws securing the bay.



3. Remove the cage.(Refer to page 13 for more information)
4. Attach the rails to the side of the case.

5. Slide the 5.25” drive into the rail position until a click sound is heard

6. Reattach the front panel.

External 3.5” Drive Bay Installation

The NZXT Tempest comes standard with one external 5.25” to 3.5” bracket attached to the inside the 3rd bay. Please follow the directions below to install the external 3.5” devices:

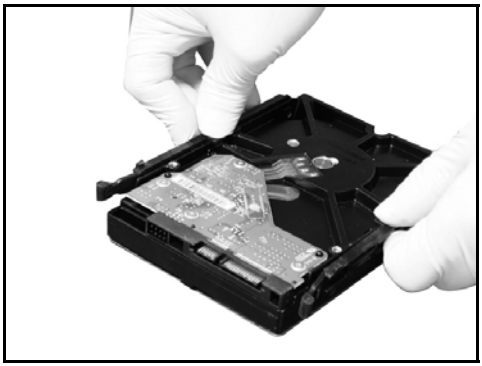
1. Remove the 5.25” black mesh for the 5.25” to 3.5” bracket bay.
2. Attach the floppy drive to the bracket.
3. Slide the bracket in from the front of the chassis.
4. Secure the bracket from inside the chassis using the screw less locks or standard screws.

Internal 3.5” Drive Bay Installation

The NZXT Tempest comes standard with one external 5.25” to 3.5” bracket attached to the inside the 3rd bay. Please follow the directions below to install the external 3.5” devices:

1. Open the side panel to gain access inside the chassis.
2. Take the screw less rails from the hard drive cage.

3. Attach the rails onto the hard drive.



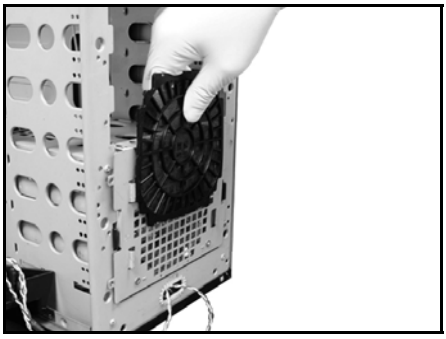
4. Slide the bracket back into the cage to secure it.

The hard drive secured into the cage

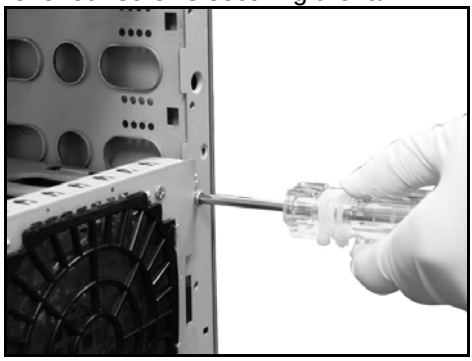
Front fan, filters and HDD Cage usage

NZXT has installed filters at the front of the chassis for easy cleaning and removal. Also included are two cages holding the fans and hard drives.

1. Following the instructions to remove the front panel.
2. The filter can be easily removed after.

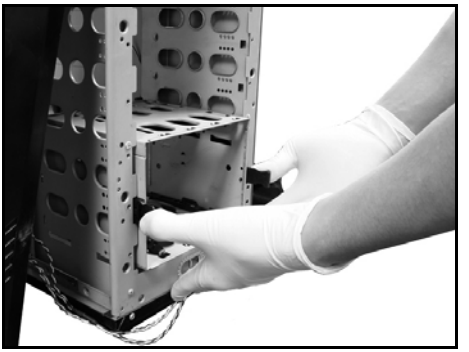


3. In order to change the front fan, the user must first remove four screws securing the fan.



Removing the fan cage

4. From here the user can switch fans or remove the hard drive cage.
5. Push in on the two tabs and pull to remove the cage

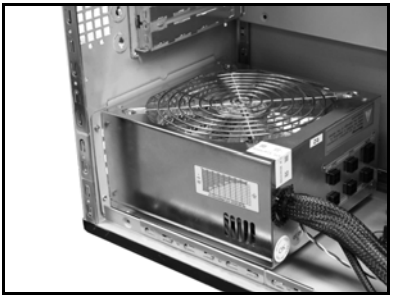


Push the tabs to remove the cage

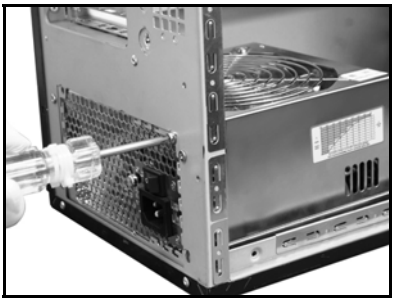
Installing the power supply

The NZXT Tempest power supply bracket is located at the rear bottom of the chassis. Please follow the directions below for installation.

1. Align the power supply with the mounting holes on the bracket.
2. Secure the PSU using screws provided.
3. The NZXT Tempest allows the user flexibility in installing the PSU, by removing the power supply bracket and turning it the user can mount the power supply with the fan facing the opposite direction.



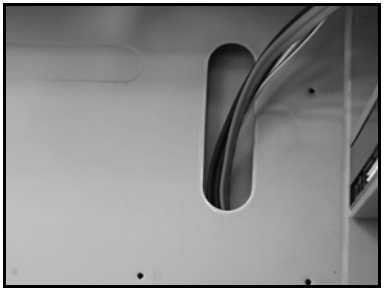
PSU at the bottom of the chassis



Secure from behind the chassis

Managing the cables

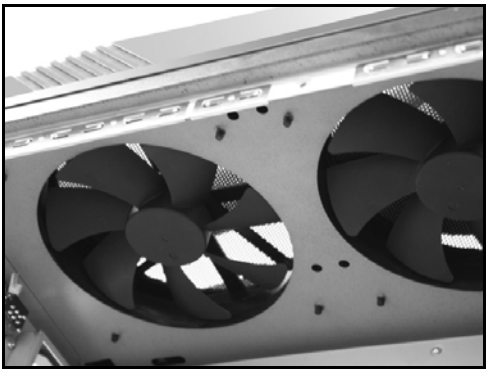
The NZXT Tempest allows the user to hide cables behind the motherboard tray, simply route the cables behind the tray and out of the holes to organize cables in the chassis.



Being water cooling ready

The NZXT Tempest is pre-drilled for water tube access and dual radiator support. The radiator holes can be found on the top panel and the access for water tube. Mounting the dual 120mm radiator requires the removal of the top plastic panel (four screws inside) in order to secure the radiator from the top.

Water tubes can be routed in from behind the case.



Holes are drilled at the top panel to secure a dual 120mm radiator.

Support and Service

If you have any more questions or have problems with the NZXT product you purchased, please don't hesitate to contact service@nzxt.com along with a detailed explanation of your problem and your proof of purchase. You may inquire about replacement parts at rma@nzxt.com.

Thank you again for purchasing an NZXT case. If you have any more comments or questions. Please visit our website or send us an email.

NZXT Website: www.nzxt.com
Email our design team: designer@nzxt.com